

CLAIMS

1. A method for enabling a mobile apparatus for call processing, the method
2 comprising:
 - encrypting a random number at the mobile apparatus;
 - 4 sending the random number from the mobile apparatus to a charging
apparatus;
 - 6 encrypting the random number at the charging apparatus;
 - receiving at the mobile apparatus the encrypted random number from the
8 charging apparatus; and
 - enabling the mobile apparatus based on a comparison of the encrypted
10 random number at the mobile apparatus with the encrypted random number
received from the charging apparatus.
2. The method of claim 1, wherein the random number is an encrypted
2 system time.
3. The method of claim 2, wherein the encrypted system time is based on
2 Tijndael 128-bit key encryption technique.
4. The method of claim 1, wherein the encrypting includes encrypting the
2 random number based on Tijndael 128-bit key encryption technique.
5. The method of claim 1, wherein the enabling further includes enabling
2 the mobile apparatus for a predetermined period of time.
6. The method of claim 1, wherein the enabling further includes enabling
2 the mobile apparatus while the mobile apparatus is positioned on the charging
apparatus that is dedicated to the mobile apparatus.
7. The method of claim 1, wherein the enabling further includes enabling
2 the mobile apparatus while the mobile apparatus is located within a

predetermined distance from the charging apparatus that is dedicated to the
4 mobile apparatus.

8. The method of claim 1, wherein the enabling further includes enabling
2 the mobile apparatus for a predetermined distance from the charging apparatus
that is dedicated to the mobile apparatus.

9. A mobile apparatus comprising:
2 means for generating a random number;
means for encrypting the random number;
4 means for sending the random number to a charging apparatus;
means for receiving an encrypted version of the random number from
6 the charging apparatus; and
means for comparing the encrypted random number at the mobile
8 apparatus with the encrypted version of the random number received from the
charging apparatus.

10. A mobile apparatus comprising:
2 a processor configured to generate a random number, the processor also
configured to encrypt the random number;
4 a transmitter configured to send the random number to a charging unit;
and
6 a receiver configured to receive an encrypted version of the random
number from the charging unit,
8 wherein the processor is also configured to enable the mobile apparatus
based on the encrypted random number in the mobile unit and the encrypted
10 random number received from the charging unit.

11. A charging apparatus comprising:
2 means for receiving a random number from a mobile apparatus;
means for encrypting the random number; and
4 means for sending the random number to the mobile unit.

12. A charging apparatus comprising:

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- 2 a receiver configured to receive a random number from a mobile
apparatus;
4 a processor configured to encrypt the random number; and
a transmitter configured to send the encrypted random number to the
6 mobile apparatus.

13. A computer readable medium embodying a method for enabling a
2 mobile apparatus for call processing, the method comprising:
encrypting a random number at the mobile apparatus;
4 sending the random number from the mobile apparatus to a charging
apparatus;
6 encrypting the random number at the charging apparatus;
receiving at the mobile apparatus the encrypted random number from the
8 charging apparatus; and
enabling the mobile apparatus based on a comparison of the encrypted
10 random number at the mobile apparatus with the encrypted random number
received from the charging apparatus.

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